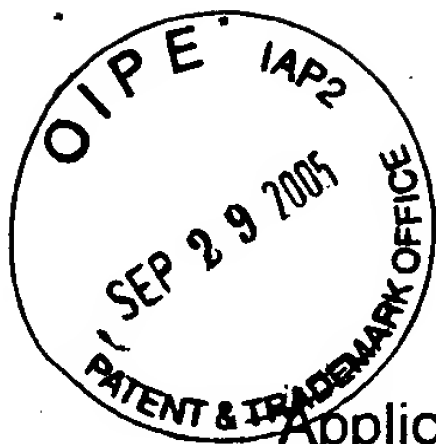


Application No.: 09/745,751  
Amendment Rule 111 dated September 29, 2005  
Reply to Office Action dated June 29, 2005  
Attorney Docket No.: 3486-018

## **EXHIBIT B**

**A.-J. CAMARDA, DDS**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/745,751 Confirmation No.: 1104  
Applicant : HOCHMAN, Mark N.  
Filed : December 21, 2000  
TC/A.U. : 3763  
Examiner : HAYES, Michael J.  
  
Docket No. : 3486-018  
Customer No. : 22440

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DECLARATION UNDER 37CFR 1.132

I, DR A.-J. CAMARDA  
CHIRURGIE BUCCALE ET MAXILLO-FACIALE, DDS (← appropriate  
ORAL AND MAXILLOFACIAL SURGERY  
UNIVERSITÉ DE MONTRÉAL  
degree), hereby make the following declaration in support of the above-named  
application:

1. I reside at 36, Brome, Kirkland (Quebec) CANADA H9J2N3

2. I am a licensed dentist and I have been practicing Dentistry for 29 years.

3. I have written and published ~~many~~ Local articles in the field of dentistry, including articles  
related to Anesthesia. I have also reviewed ~~many~~ articles in this field and I am  
frequent lecturer, having made presentations all ~~over the world~~ locally, nationally  
and in the U.S.A.

4. A copy of current Curriculum Vitae is attached providing more details of my  
background and expertise in the field of dentistry.

5. One problem in the field of dentistry and more particularly, during the injection of an anesthetic into a living tissue prior to performing dental procedures pertains to needle bending. As a needle is introduced through tissues to a preselected site for delivering an anesthetic, it frequently bends. This action causes discomfort in the patient and pain. In many instances, a patient either stiffens up, or, worse, tries to move involuntary away from the needle, or close his mouth, thereby causing even more discomfort.

6. Recently, Dr. Mark Hochman disclosed to me his invention, that solves the problem of needle bending. More specifically, Dr. Hochman has disclosed to me:

a method of injecting a drug into a patient through a needle having a lumen comprising the steps of:

advancing said needle into the tissue linearly along a longitudinal axis of the needle;

simultaneously rotating the needle along its longitudinal axis to reduce deflection of the needle; and

injecting the drug.

7. Initially, I had some doubts that this procedure would work. However, I have tried this technique at least 70 times on patients and I found that it is very effective in reducing needle bending and, subsequently, in reducing or eliminating patient discomfort and pain.

8. I found that ~~for~~ the procedure was effective as long as I kept the needle rotating to change the orientation of the bevel of the needle in somewhat continuous manner during the insertion, and that the total angle of rotation of the needle, or whether it was rotated only in a single direction, or back and forth, did not matter that much. I found that it was very easy for me to determine intuitively how much to rotate the needle from the reaction of the patient. More particularly, if I did not rotate the needle enough to prevent it from bending, the patient became uncomfortable as indicated by his body language and other indicia, including verbal communication from the patient. Because of this immediate voluntary or involuntary feedback from the patient, it was very easy to adjust the procedure to each patient as required.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**DR A.-J. CAMARDA**  
CHIRURGIE BUCCAL ET MAXILLO-FACIALE  
ORAL AND MAXILLOFACIAL SURGERY  
UNIVERSITÉ DE MONTRÉAL

Dr. 

Date:  September 2nd, 2005

## Curriculum Vitae (Abrégé)

**Nom :** Camarda, Aldo-Joseph

**Rang :** Professeur agrégé, Université de Montréal, Département de Stomatologie  
Section de Chirurgie buccale et maxillo-faciale

**Adresse :** 36, rue Brome, Montréal (Québec) H9J 2N3

**Téléphone :** 514-343-7124 (bureau)  
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514-614-2904 (pagette – boîte vocale)

**Télécopieur :** 514-343-2233 (Université de Montréal)

**Diplômes :** BSc McGill McGill  
MSc McGill Certificat en chirurgie buccale et maxillo-faciale

**Organismes Professionnels :** Membre du Collège Royal du Canada  
Fellow de l'American College of Oral and Maxillofacial Surgeons  
Fellow de l'Académie Pierre Fauchard  
Membre de l'Ordre des dentistes du Québec  
Membre de l'Association Dentaire Canadienne  
Membre de l'Association des spécialistes en chirurgie buccale et maxillo-faciale du Québec  
Membre de l'Association Américaine des spécialistes en chirurgie buccale et maxillo-faciale  
Membre de l'Association Canadienne des spécialistes en chirurgie buccale et maxillo-faciale  
Membre de l'Association Internationale des spécialistes en chirurgie buccale et maxillo-faciale  
Membre du Conseil des médecins, dentistes et pharmaciens de l'Hôpital Sainte-Justine  
Membre du Conseil des médecins, dentistes et pharmaciens de l'Hôpital St-Mary

**Administration :** Directeur, Chirurgie buccale et maxillo-faciale  
Faculté de Médecine dentaire, Université de Montréal  
Directeur, Département de médecine dentaire de l'Hôpital St-Mary's, 1990 à 1998  
Directeur, Chirurgie buccale et maxillo-faciale, Département de Chirurgie, Hôpital St-Mary 1990 à 2001  
Président du Conseil des médecins, dentistes et pharmaciens de l'Hôpital St-Mary, 1989 à 1991  
Vice-Président du Conseil des médecins, dentistes et pharmaciens de l'Hôpital St-Mary, 1988 à 1989  
Délégué substitut, SGPUM, Stomatologie, 1987-1994  
Responsable, Chirurgie buccale et maxillo-faciale résidents multidisciplinaires, Université de Montréal  
Responsable, Enseignement clinique et théorique, cours de sédation intraveineuse, résidents multidisciplinaires, Université de Montréal  
Comité Exécutif, Association Canadienne des spécialistes en chirurgie buccale et maxillo-faciale 1992 à 1994  
Président, Association des spécialistes en chirurgie buccale et maxillo-faciale du Québec, 1990 à 1992  
Membre de plusieurs comités et comités ad-hoc universitaire, provincial et national, etc.

**Publications :**

Camarda A-J : Anesthésie régionale STO – 2050, Dépôt légal – 3<sup>e</sup> trimestre, 2001, Bibliothèque nationale du Québec, Bibliothèque nationale du Canada

Camarda A-J : Chirurgie buccale et maxillo-faciale STO – 3070, Dépôt légal – 3<sup>e</sup> trimestre, 2001, Bibliothèque nationale du Québec, Bibliothèque nationale du Canada

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Camarda A-J : The use of nuclear medicine in the diagnosis of Paget's disease of the mandible: Report of a case. JCDA, 1989

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Camarda A-J: Revue des principaux implants dentaires utilisés au Québec. J Dent Qué, 1986

Camarda A-J : Facial Pain : Report on a multidisciplinary approach. JCDA, 1979

Camarda A-J : Résumé : Syndrome Dysgnathogénique. J Dent Qué, 1978

Naseri Lyna, Franco Laurent, Hochman M, Camarda A-J, Effect of increasing anesthetic volume on the success of inferior alveolar nerve block, submitted Quintessence Internal, 2004

\*Plusieurs publications et documents multimédias en préparation